

AROMATIC AMINE DERIVATIVE AND ORGANIC ELECTROLUMINESCENT ELEMENT USING THE SAME**Patent number:** JP2004262761**Publication date:** 2004-09-24**Inventor:** KAWAMURA HISAYUKI**Applicant:** IDEMITSU KOSAN CO**Classification:**

- international: C07C211/54; C09K11/06; H01L51/30; H05B33/14;
C07C211/00; C09K11/06; H01L51/05; H05B33/14;
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- european: C07C211/54; C09K11/06; H01L51/30H4; H01L51/30H6;
H01L51/30H8B; H05B33/14

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PROBLEM TO BE SOLVED: To provide an aromatic amine derivative which is hard for the molecule to crystallize the molecule and improves the yield in manufacturing organic electroluminescent elements, and an organic electroluminescent element.

SOLUTION: The novel aromatic amine derivative has an asymmetric structure. In the organic electroluminescent element holding an organic film layer composed of one layer or a plurality of layers containing at least a light-emitting layer between a cathode and an anode, at least one layer of the organic film layer contains the above aromatic amine derivative as a single component or a mixture component.

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